





City of Loma Linda Official Report

Robert Christman, Mayor
Stan Brauer, Mayor pro tempore
Floyd Petersen, Councilmember
Robert Ziprick, Councilmember
Rhodes Rigsby, Councilmember

COUNCIL AGENDA: August 22, 2006

TO: City Council

VIA: Dennis R. Halloway, City Manager 

FROM: T. Jarb Thaipejr, Public Works Director/City Engineer 

SUBJECT: Award Contract for Pressure Zone 3 Water Distribution Pipeline.
(CIP 05-612)

RECOMMENDATION

It is recommended that the City Council award the contract for the installation of the pressure zone 3 water distribution pipeline to MCC Equipment Rentals Inc. of Yucaipa in the amount of \$203,909 and authorize a contingency allocation of \$20,000. It is further recommended that the City Council award the contract for construction inspection and material testing services to Cal-West Consultants in the amount not to exceed \$30,500.

BACKGROUND

The City Council approved a capital improvement project to replace the water distribution lines at Sierra Vista in pressure zone 3 of the water system. The City acquired this portion of the system from the previous water provider when the City incorporated. The system has experienced numerous leaks recently. The system is located along hillsides, under driveways and other difficult to reach locations.

ANALYSIS

Seven bids were received and publicly opened on August 8, 2006. Bids ranged from a low of \$203,909.00 to a high of \$327,353.93 (see attached). The low bidder, MCC Equipment Rentals Inc. of Yucaipa, has been checked for references and contractors license and found to be satisfactory. They have performed satisfactorily for the City in the past. It is not unusual for a construction project to experience the need to add or reduce the quantities of work items or the scope of work as field conditions dictate. This is generally caused by unforeseen circumstances or work needed to maintain the integrity of the project. Therefore, Staff recommends an allocation of $\pm 10\%$, \$20,000, of the construction amount for such circumstances.

FINANCIAL IMPACT

Funding for this project will be provided from Account Nos. 38-7200-8500 and 65-7010-8500, Replace Waterline at Sierra Vista, equally.

Pressure Zone 3 Distribution

Waterline Installation

ITEM	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		MCC Equipment		TK Construction		B. R. Day Const., Inc.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Pothole Exist. Utility	L.S.	1	\$3,000.00	\$3,000.00	\$3,950.00	\$3,950.00	\$9,000.00	\$9,000.00	\$3,000.00	\$3,000.00
2	8" D. I. Pipe, Barton Rd	L.F.	1,204	\$59.00	\$71,036.00	\$52.00	\$62,608.00	\$74.00	\$89,096.00	\$75.00	\$90,300.00
3	8" D. I. Pipe, San Juan Dr	L.F.	50	\$150.00	\$7,500.00	\$122.00	\$6,100.00	\$91.92	\$4,596.00	\$100.00	\$5,000.00
4	8" D. I. Pipe, Sierra Vista	L.F.	740	\$48.60	\$35,964.00	\$54.00	\$39,960.00	\$69.00	\$51,060.00	\$70.00	\$51,800.00
5	8" D. I. Pipe, Valley View	L.F.	375	\$48.60	\$18,225.00	\$64.00	\$24,000.00	\$68.88	\$25,830.00	\$70.00	\$26,250.00
6	2" PVC Conduit	L.F.	740	\$14.00	\$10,360.00	\$27.00	\$19,980.00	\$14.00	\$10,360.00	\$14.00	\$10,360.00
7	8" Flanged Gate Valve	EA.	3	\$1,200.00	\$3,600.00	\$1,205.00	\$3,615.00	\$1,100.00	\$3,300.00	\$1,200.00	\$3,600.00
8	4" Blowoff	EA.	1	\$2,400.00	\$2,400.00	\$2,834.00	\$2,834.00	\$3,442.00	\$3,442.00	\$3,400.00	\$3,400.00
9	1" Air Vac	EA.	1	\$3,000.00	\$3,000.00	\$2,684.00	\$2,684.00	\$2,600.00	\$2,600.00	\$3,400.00	\$3,400.00
10	6" Hot Tap Ex. Waterline	L.S.	1	\$4,500.00	\$4,500.00	\$2,589.00	\$2,589.00	\$3,500.00	\$3,500.00	\$3,400.00	\$3,400.00
11	1" Water Service	EA.	5	\$600.00	\$3,000.00	\$1,298.00	\$6,490.00	\$1,000.00	\$5,000.00	\$1,600.00	\$8,000.00
12	Fire Hydrant	EA.	4	\$4,000.00	\$16,000.00	\$4,295.00	\$17,180.00	\$3,120.00	\$12,480.00	\$5,000.00	\$20,000.00
13	1" Service connect to Ex.	EA.	2	\$900.00	\$1,800.00	\$1,175.00	\$2,350.00	\$1,850.00	\$3,700.00	\$1,500.00	\$3,000.00
14	1 1/2" PVC Service	L.F.	140	\$20.00	\$2,800.00	\$15.00	\$2,100.00	\$45.00	\$6,300.00	\$35.00	\$4,900.00
15	1" PVC Service	L.F.	140	\$19.50	\$2,730.00	\$15.00	\$2,100.00	\$44.00	\$6,160.00	\$34.00	\$4,760.00
16	1" Service to new PVC	EA.	3	\$1,000.00	\$3,000.00	\$665.00	\$1,995.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00
17	Field Test	L.S.	1	\$2,000.00	\$2,000.00	\$1,163.00	\$1,163.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
18	Disinfect Pipeline	L.S.	1	\$1,500.00	\$1,500.00	\$1,031.00	\$1,031.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
19	Shoring	L.S.	1	\$1,000.00	\$1,000.00	\$568.00	\$568.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
20	Traffic Control	L.S.	1	\$5,000.00	\$5,000.00	\$612.00	\$612.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
TOTAL					\$198,415.00		\$203,909.00		\$249,924.00		\$252,670.00

Pressure Zone 3 Distribution

Waterline Installation			El-Co Contractors, Inc.		Albert W. Davies, Inc.		Choctaw Contractors, Inc.		Highland Eng. Of CA Inc.	
ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	L.S.	1	\$12,000.00	\$12,000.00	\$2,200.00	\$2,200.00	\$4,000.00	\$4,000.00	\$6,637.00	\$6,637.00
2	L.F.	1,204	\$76.00	\$91,504.00	\$92.50	\$111,370.00	\$105.00	\$126,420.00	\$85.29	\$102,689.16
3	L.F.	50	\$210.00	\$10,500.00	\$88.00	\$4,400.00	\$123.00	\$6,150.00	\$153.05	\$7,652.50
4	L.F.	740	\$74.00	\$54,760.00	\$88.00	\$65,120.00	\$106.00	\$78,440.00	\$71.54	\$52,939.60
5	L.F.	375	\$72.00	\$27,000.00	\$88.00	\$33,000.00	\$104.00	\$39,000.00	\$70.90	\$26,587.50
6	L.F.	740	\$36.50	\$27,010.00	\$19.00	\$14,060.00	\$5.00	\$3,700.00	\$29.60	\$21,904.00
7	EA.	3	\$1,100.00	\$3,300.00	\$1,400.00	\$4,200.00	\$1,300.00	\$3,900.00	\$1,321.54	\$3,964.62
8	EA.	1	\$2,835.00	\$2,835.00	\$3,300.00	\$3,300.00	\$2,245.00	\$2,245.00	\$4,253.02	\$4,253.02
9	EA.	1	\$2,088.00	\$2,088.00	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$2,583.83	\$2,583.83
10	L.S.	1	\$5,000.00	\$5,000.00	\$3,200.00	\$3,200.00	\$1,675.00	\$1,675.00	\$4,227.43	\$4,227.43
11	EA.	5	\$952.00	\$4,760.00	\$1,250.00	\$6,250.00	\$690.00	\$3,450.00	\$1,116.08	\$5,580.40
12	EA.	4	\$3,778.00	\$15,112.00	\$4,800.00	\$19,200.00	\$2,600.00	\$10,400.00	\$4,196.74	\$16,786.96
13	EA.	2	\$3,000.00	\$6,000.00	\$1,500.00	\$3,000.00	\$800.00	\$1,600.00	\$1,116.08	\$2,232.16
14	L.F.	140	\$55.00	\$7,700.00	\$40.00	\$5,600.00	\$12.00	\$1,680.00	\$70.04	\$9,805.60
15	L.F.	140	\$26.00	\$3,640.00	\$28.00	\$3,920.00	\$11.00	\$1,540.00	\$46.59	\$6,522.60
16	EA.	3	\$583.00	\$1,749.00	\$1,300.00	\$3,900.00	\$500.00	\$1,500.00	\$1,116.08	\$3,348.24
17	L.S.	1	\$3,500.00	\$3,500.00	\$5,600.00	\$5,600.00	\$4,100.00	\$4,100.00	\$20,725.49	\$20,725.49
18	L.S.	1	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00	\$18,934.69	\$18,934.69
19	L.S.	1	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$3,992.37	\$3,992.37
20	L.S.	1	\$7,500.00	\$7,500.00	\$2,500.00	\$2,500.00	\$3,800.00	\$3,800.00	\$5,986.76	\$5,986.76
TOTAL			\$290,958.00		\$298,620.00		\$300,000.00		\$327,353.93	